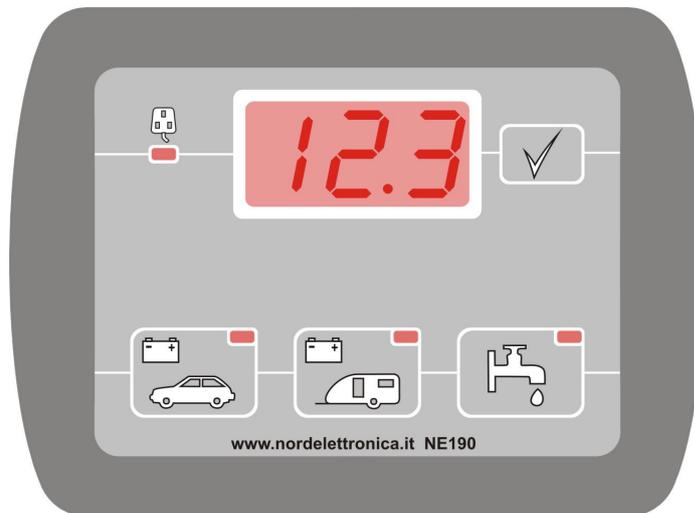


CONTROL PANEL NE190 / FUSEBOARD 12V NE189

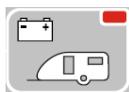
CONTROL PANEL NE190



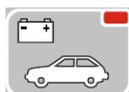
COMMAND:



Key with LED to enable/disable the PUMP.
When the pump is working the LED is blinking.



Key with LED to connect/disconnect the VAN Battery.
If the charger is not working and the VAN battery is not connected the system will not switch.
If the VAN Battery voltage remains under 10,0V more than two minutes, the System automatically disconnect the VAN Battery, E4 is blinking for 30 seconds.



Key with LED to connect/disconnect the CAR Battery.
If the charger is not working and the CAR battery is not connected the system will not switch.
If the CAR Battery voltage remains under 10,5V more than two minutes, the System automatically disconnect the CAR Battery, E4 is blinking for 30 seconds.



When the main is connected and the charger is working, LED is on.
When one of the battery is connected too, the Charger is charging the battery connected.



Key to view the voltage of the system.
– only main LED on, the panel will show the charger's output Voltage.
– only CAR/VAN LED, the panel will show the battery voltage.
– MAIN + BATTERY LED, the panel will show the system voltage.

After 30 second without any push button used the panel will switch off the number display and the LED will reduce the brightness.

When push again the indications will come ON.

When the engine is running, all the load (exception of the fridge) will be switched OFF and the Leisure battery will be connected to the engine power generator.

CONTROL PANEL NE190 / FUSEBOARD 12V NE189

The SYSTEM NE189-NE190 provide some information about typical fault:



Error 1 OVERLOAD PUMP [OLP]

When the pump try to work but there are a problem in the pump circuit. If this message is displayed, all the push button will be disabled for 5 seconds. If the Pump is changed, please use the same type otherwise some false warning will be displayed.



Error 2 OVERVOLTAGE [OUL]

An overvoltage is detect from the battery charger, the BATTERY and the loads will be disconnected.



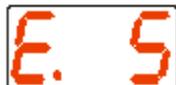
Error 3 NO CONNECTION [SEr]

The communication system between the Control Panel and the Fuseboard is not working.



Error 4 LOW BATTERY [Lob]

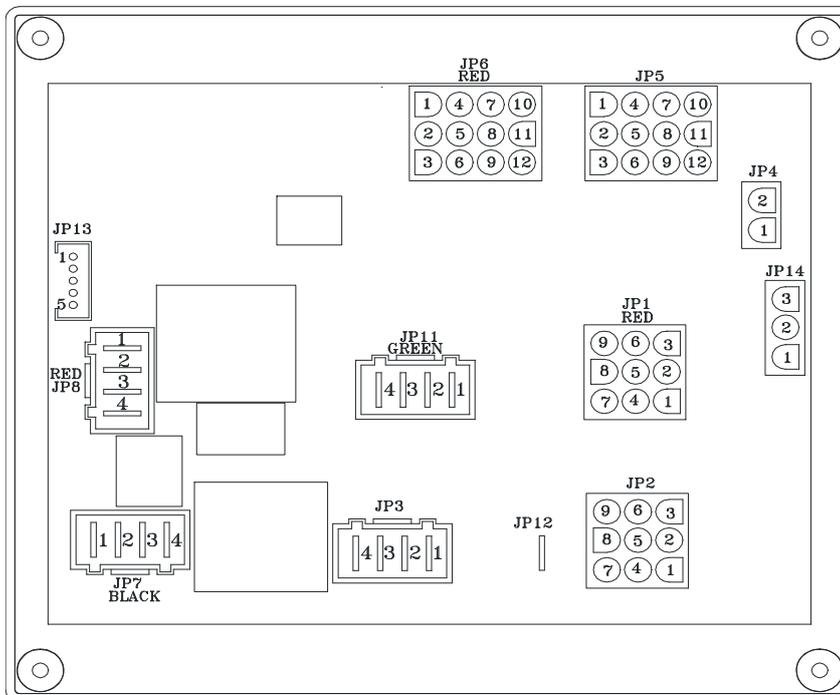
Starting the System but all the available power source are less then 9,0 V.



Error 5 Tank leads Problem

The connection between the Tank Sensor and the Fuseboard is in the wrong sequence or one lead is broken.

FUSEBOARD 12V NE189



CONTROL PANEL NE190 / FUSEBOARD 12V NE189

